## Cumulative Author Index, Volmes 71–78

Abdel Gawad, G., Arslan, A., Gaihbe, A. and Kadouri, F., The effects of saline irrigation water management and salt tolerant tomato varieties on sustainable production of tomato in Syria (1999–2002), (78) (2005) 39

Abdel Gawad, G., see Ragab, R., (78) (2005) 67 Agassi, M., see Benyamini, Y., (76) (2005) 181 Agirre, U., see López, J.J., (77) (2005) 128

Agrawal, A., see Tyagi, N.K., (77) (2005) 180

Al-Harbi, A.R., see Al-Omran, A.M., (73) (2005) 43
Al-Omran, A.M., Sheta, A.S., Falatah, A.M. and Al-Harbi, A.R., Effect of drip irrigation on squash (Cucurbita pepo) yield and water-use efficiency in sandy calcareous soils amended with clay deposits, (73) (2005) 43

Alarcón, J.J., see Barradas, V.L., (77) (2005) 323 Alarcón, J.J., see Nicolas, E., (72) (2005) 131

Álvarez, C.J., see Neira, X.X., (75) (2005) 137
Amayreh, J. and Al-Abed, N., Developing crop coefficients for field-grown tomato (Lycopersicon esculentum Mill.) under drip irri-

gation with black plastic mulch, (73) (2005) 247 Ambast, S.K., see Tyagi, N.K., (77) (2005) 180 Angulo-Jaramillo, R., see Antonino, A.C.D., (73)

(2005) 131
Antonino, A.C.D., Hammecker, C., Montenegro, S.M.L.G., Netto, A.M., Angulo-Jaramillo, R. and Lira, C.A.B.O., Subirrigation of land bordering small reservoirs in the semi-arid region in the Northeast of Brazil: monitoring and water balance, (73) (2005) 131

Arbat, G., see Puig-Bargués, J., (77) (2005) 249 Arbonès, A., see Girona, J., (72) (2005) 97 Arslan, A., see Abdel Gawad, G., (78) (2005) 39 Arslan, A., see Flowers, T.J., (78) (2005) 3 Arslan, A., see Ragab, R., (78) (2005) 67, 89 Artigao, A., see Martín de Santa Olalla, F.J., (77) Ashraf, M., see Kahlown, M.A., (76) (2005) 24 Ashraf, M., see Saced, M.M., (74) (2005) 165 Atallah, T., see Darwish, T., (78) (2005) 152 Aujla, M.S., Thind, H.S. and Buttar, G.S., Cot

Aujla, M.S., Thind, H.S. and Buttar, G.S., Cotton yield and water use efficiency at various levels of water and N through drip irrigation under two methods of planting, (71) (2005) 167

Babel, M.S., see Harmanto, (71) (2005) 225
Barahona, E., see Fernández-Gálvez, J., (76) (2005) 53
Barradas, V.L., Nicolás, E., Torrecillas, A. and Alarcón, J.J., Transpiration and canopy conductance in young apricot (*Prunus armenica* L.) trees subjected to different PAR levels and water stress, (77) (2005) 323

Barragán, J., see Puig-Bargués, J., (77) (2005) 249
Barron, J. and Okwach, G., Run-off water harvesting for dry spell mitigation in maize (Zea mays L.): results from on-farm research in semi-arid Kenya, (74) (2005) 1

Behrendt, A., see Mueller, L., (75) (2005) 117

Benyamini, Y., Mirlas, V., Marish, S., Gottesman, M., Fizik, E. and Agassi, M., A survey of soil salinity and groundwater level control systems in irrigated fields in the Jezre'el Valley, Israel, (76) (2005) 181

Bessembinder, J.J.E., Leffelaar, P.A., Dhindwal, A.S. and Ponsioen, T.C., Which crop and which drop, and the scope for improvement of water productivity, (73) (2005) 113

Bethune, M., see Su, N., (78) (2005) 165

Bhattacharya, A.K., see Sarangi, A., (78) (2005) 195 Bin, C., see Xiaoguang, Y., (74) (2005) 107

Boken, V.K., Hoogenboom, G., Hook, J.E., Thomas, D.L., Guerra, L.C. and Harrison, K.A., Corrigendum to "Agricultural water use estimation using geospatial modelling and a geographic information system" [Agric. Water Manage. 67 (2004) 185–199], (73) (2005) 171

(2005) 21

## Cumulative Author Index, Volmes 71–78

Abdel Gawad, G., Arslan, A., Gaihbe, A. and Kadouri, F., The effects of saline irrigation water management and salt tolerant tomato varieties on sustainable production of tomato in Syria (1999–2002), (78) (2005) 39

Abdel Gawad, G., see Ragab, R., (78) (2005) 67 Agassi, M., see Benyamini, Y., (76) (2005) 181 Agirre, U., see López, J.J., (77) (2005) 128

Agrawal, A., see Tyagi, N.K., (77) (2005) 180

Al-Harbi, A.R., see Al-Omran, A.M., (73) (2005) 43
Al-Omran, A.M., Sheta, A.S., Falatah, A.M. and Al-Harbi, A.R., Effect of drip irrigation on squash (Cucurbita pepo) yield and water-use efficiency in sandy calcareous soils amended with clay deposits, (73) (2005) 43

Alarcón, J.J., see Barradas, V.L., (77) (2005) 323 Alarcón, J.J., see Nicolas, E., (72) (2005) 131

Álvarez, C.J., see Neira, X.X., (75) (2005) 137
Amayreh, J. and Al-Abed, N., Developing crop coefficients for field-grown tomato (Lycopersicon esculentum Mill.) under drip irri-

gation with black plastic mulch, (73) (2005) 247 Ambast, S.K., see Tyagi, N.K., (77) (2005) 180 Angulo-Jaramillo, R., see Antonino, A.C.D., (73)

(2005) 131
Antonino, A.C.D., Hammecker, C., Montenegro, S.M.L.G., Netto, A.M., Angulo-Jaramillo, R. and Lira, C.A.B.O., Subirrigation of land bordering small reservoirs in the semi-arid region in the Northeast of Brazil: monitoring and water balance, (73) (2005) 131

Arbat, G., see Puig-Bargués, J., (77) (2005) 249 Arbonès, A., see Girona, J., (72) (2005) 97 Arslan, A., see Abdel Gawad, G., (78) (2005) 39 Arslan, A., see Flowers, T.J., (78) (2005) 3 Arslan, A., see Ragab, R., (78) (2005) 67, 89 Artigao, A., see Martín de Santa Olalla, F.J., (77) Ashraf, M., see Kahlown, M.A., (76) (2005) 24 Ashraf, M., see Saced, M.M., (74) (2005) 165 Atallah, T., see Darwish, T., (78) (2005) 152 Aujla, M.S., Thind, H.S. and Buttar, G.S., Cot

Aujla, M.S., Thind, H.S. and Buttar, G.S., Cotton yield and water use efficiency at various levels of water and N through drip irrigation under two methods of planting, (71) (2005) 167

Babel, M.S., see Harmanto, (71) (2005) 225
Barahona, E., see Fernández-Gálvez, J., (76) (2005) 53
Barradas, V.L., Nicolás, E., Torrecillas, A. and Alarcón, J.J., Transpiration and canopy conductance in young apricot (*Prunus armenica* L.) trees subjected to different PAR levels and water stress, (77) (2005) 323

Barragán, J., see Puig-Bargués, J., (77) (2005) 249
Barron, J. and Okwach, G., Run-off water harvesting for dry spell mitigation in maize (Zea mays L.): results from on-farm research in semi-arid Kenya, (74) (2005) 1

Behrendt, A., see Mueller, L., (75) (2005) 117

Benyamini, Y., Mirlas, V., Marish, S., Gottesman, M., Fizik, E. and Agassi, M., A survey of soil salinity and groundwater level control systems in irrigated fields in the Jezre'el Valley, Israel, (76) (2005) 181

Bessembinder, J.J.E., Leffelaar, P.A., Dhindwal, A.S. and Ponsioen, T.C., Which crop and which drop, and the scope for improvement of water productivity, (73) (2005) 113

Bethune, M., see Su, N., (78) (2005) 165

Bhattacharya, A.K., see Sarangi, A., (78) (2005) 195 Bin, C., see Xiaoguang, Y., (74) (2005) 107

Boken, V.K., Hoogenboom, G., Hook, J.E., Thomas, D.L., Guerra, L.C. and Harrison, K.A., Corrigendum to "Agricultural water use estimation using geospatial modelling and a geographic information system" [Agric. Water Manage. 67 (2004) 185–199], (73) (2005) 171

(2005) 21

Boland, A.-M., see Hamilton, A.J., (71) (2005) 181

Bonachela, S., see Orgaz, F., (72) (2005) 81

Bouarfa, S., see Chabot, R., (75) (2005) 10

Boughton, W., Catchment water balance modelling in Australia 1960–2004, (71) (2005) 91

Bouman, B.A.M., Peng, S., Castañeda, A.R. and Visperas, R.M., Yield and water use of irrigated tropical aerobic rice systems, (74) (2005) 87

Bouman, B.A.M., see Xiaoguang, Y., (74) (2005)

Bustan, A., Cohen, S., Malach, Y.D., Zimmermann, P., Golan, R., Sagi, M. and Pasternak, D., Effects of timing and duration of brackish irrigation water on fruit yield and quality of late summer melons, (74) (2005) 123

Buttar, G.S., see Aujla, M.S., (71) (2005) 167

Cai, Y., see Xu, Y., (75) (2005) 38

Cakmak, B., see Kadayifci, A., (72) (2005) 59

Caliskan, M.E., see Onder, S., (73) (2005) 73 Caliskan, S., see Onder, S., (73) (2005) 73

Calliskan, S., see Onder, S., (73) (2005) 73

Cameira, M.R., see Stulina, G., (77) (2005) 263 Canbolat, M., see Sezen, S.M., (71) (2005) 243

Cancela, J.J., see Neira, X.X., (75) (2005) 137

Caponio, T., see Lovelli, S., (72) (2005) 147

Castañeda, A.R., see Bouman, B.A.M., (74) (2005)

Causapé, J., see Lecina, S., (73) (2005) 223

Çelikel, G., see Sezen, S.M., (71) (2005) 243

Chabot, R., Bouarfa, S., Zimmer, D., Chaumont, C. and Moreau, S., Evaluation of the sap flow determined with a heat balance method to measure the transpiration of a sugarcane canopy, (75) (2005) 10

Chandra Sekhar, G., see Vedula, S., (73) (2005) 193
 Chartzoulakis, K.S., Salinity and olive: Growth, salt tolerance, photosynthesis and yield, (78) (2005) 108

Chaumont, C., see Chabot, R., (75) (2005) 10

Chen, L., see Huang, Y., (72) (2005) 209 Cheng, G., see Zhao, C., (75) (2005) 54

Chowdary, V.M., Rao, N.H. and Sarma, P.B.S., Decision support framework for assessment of non-point-source pollution of groundwater in large irrigation projects, (75) (2005) 194

Coelho, C., see Paulo, A.A., (77) (2005) 59

Cohen, S., see Bustan, A., (74) (2005) 123

Conejero, W., see Nortes, P.A., (77) (2005) 296

Çömlekçioğlu, N., see Şimşek, M., (73) (2005) 173

Costa, R.D., see do Amaral, L.G.H., (75) (2005) 184 Cuartero, J., see Flowers, T.J., (78) (2005) 3

Cuartero, J., see Reina-Sánchez, A., (78) (2005) 54

Cuesta, T.S., see Neira, X.X., (75) (2005) 137

Darwish, T., Atallah, T., El Moujabber, M. and Khatib, N., Salinity evolution and crop response to secondary soil salinity in two agro-climatic zones in Lebanon, (78) (2005) 152

Das, P.K., see Sharda, V.N., (76) (2005) 120

Dauzat, J., see Luquet, D., (76) (2005) 108

de Juan, J.A., see Ortega, J.F., (77) (2005) 37

de Ridder, N., see van de Giesen, N., (72) (2005)

de Santa Olalla, F.M., see Tarjuelo, J.M., (77) (2005)

de Vries, F.W.T.P., see Ngigi, S.N., (73) (2005) 21

Dechmi, F., see Lecina, S., (73) (2005) 223

Deckers, J., see D'haeze, D., (73) (2005) 1

Dell'Aquila, R. and Tedeschi, A., Effects of irrigation with saline waters, at different concentrations, on soil physical and chemical characteristics, (77) (2005) 308

Deng, W., see Li, Q.S., (71) (2005) 47

D'haeze, D., Raes, D., Deckers, J., Phong, T.A. and Loi, H.V., Groundwater extraction for irrigation of *Coffea canephora* in Ea Tul watershed, Vietnam—a risk evaluation, (73) (2005) 1

Dhindwal, A.S., see Bessembinder, J.J.E., (73) (2005) 113

Diaz, F., Jimenez, C.C. and Tejedor, M., Influence of the thickness and grain size of tephra mulch on soil water evaporation. (74) (2005) 47

Dillon, F., see Hamilton, A.J., (71) (2005) 181

do Amaral, L.G.H., Righes, A.A., da S. e Souza Filho, P. and Costa, R.D., Automatic regulator for channel flow control on flooded rice, (75) (2005)

Doğan, Z., see Şimşek, M., (73) (2005) 173

Domingo, R., see Nicolas, E., (72) (2005) 131

Domingo, R., see Nortes, P.A., (77) (2005) 296

Domínguez, A., see Martín de Santa Olalla, F.J., (77) (2005) 21

Durand, P., see Viaud, V., (74) (2005) 135

Easter, W., see Zekri, S., (72) (2005) 161

Egea, G., see Nortes, P.A., (77) (2005) 296 Eker, S., see Sezen, S.M., (71) (2005) 243

El Moujabber, M., see Darwish, T., (78) (2005) 152

Ellis, T., Hatton, T. and Nuberg, I., An ecological optimality approach for predicting deep drainage from tree belts of alley farms in water-limited environments. (75) (2005) 92

Enciso, J. and Wiedenfeld, B., Irrigation guidelines based on historical weather data in the Lower Rio Grande Valley of Texas, (76) (2005) 1

Eneji, A.E., see Li, J., (76) (2005) 8

Erda, L., see Xiaoying, L., (71) (2005) 1

Fabeiro, C., see Martín de Santa Olalla, F.J., (77) (2005) 21

Faci, J.M., see Lecina, S., (73) (2005) 223

Faci, J.M., see Playán, E., (76) (2005) 139

Falatah, A.M., see Al-Omran, A.M., (73) (2005) 43
Fan, T., Wang, S., Xiaoming, T., Luo, J., Stewart,
B.A. and Gao, Y., Grain yield and water use in a long-term fertilization trial in Northwest China.

long-term fertilization trial in Northwest China, (76) (2005) 36

Fares, C., see Katerji, N., (75) (2005) 85

Feng, Z.-W., see Feng, Z.-Z., (71) (2005) 131

Feng, Z.-Z., Wang, X.-K. and Feng, Z.-W., Soil N and salinity leaching after the autumn irrigation and its impact on groundwater in Hetao Irrigation District, China, (71) (2005) 131

Fereres, E., see Orgaz, F., (72) (2005) 81 Fernández, M.D., see Orgaz, F., (72) (2005) 81

Fernández, M.B., see Olgar, 1. (12) (2003) 61 Fernández-Gálvez, J. and Barahona, E., Changes in soil water retention due to soil kneading, (76) (2005) 53

Ferreira, E., see Paulo, A.A., (77) (2005) 59 Filho, J.S.V., see Victoria, F.B., (77) (2005) 4

da S. e Souza Filho, P., see do Amaral, L.G.H., (75) (2005) 184

Fizik, E., see Benyamini, Y., (76) (2005) 181

Flowers, S.A., see Flowers, T.J., (78) (2005) 15

Flowers, T.J. and Flowers, S.A., Why does salinity pose such a difficult problem for plant breeders?, (78) (2005) 15

Flowers, T.J., Ragab, R., Malash, N., Gawad, G.A., Cuartero, J. and Arslan, A., Sustainable strategies for irrigation in salt-prone Mediterranean: SALTMED, (78) (2005) 3

Flowers, T.J., see Malash, N., (78) (2005) 25

Fortes, P.S., Platonov, A.E. and Pereira, L.S., GIS-AREG—A GIS based irrigation scheduling simulation model to support improved water use, (77) (2005) 159

Fu, B., see Huang, Y., (72) (2005) 209

Gaihbe, A., see Abdel Gawad, G., (78) (2005) 39 Gallardo, M., see Orgaz, F., (72) (2005) 81

Gao, Y., see Fan, T., (76) (2005) 36

Gärdenäs, A.I., Hopmans, J.W., Hanson, B.R. and Šimůnek, J., Two-dimensional modeling of nitrate leaching for various fertigation scenarios under micro-irrigation, (74) (2005) 219

Gawad, G.A., see Flowers, T.J., (78) (2005) 3 Gawad, G.A., see Ragab, R., (78) (2005) 89

Gelly, M., see Girona, J., (72) (2005) 97

Gencoglan, C., Gencoglan, S., Merdun, H. and Ucan, K., Determination of ponding time and number of on-off cycles for sprinkler irrigation applications, (72) (2005) 47 Gencoglan, S., see Gencoglan, C., (72) (2005) 47 Ghaibeh, A., see Ragab, R., (78) (2005) 67, 89

Ghanem, K.A.F., see Hamdy, A., (78) (2005) 122

Gibbings, P. and Raine, S., Evaluation of a hydrographic technique to measure on-farm water storage volumes, (78) (2005) 209

Gimena, F.N., see López, J.J., (77) (2005) 128

Girona, J., Gelly, M., Mata, M., Arbonès, A., Rufat, J. and Marsal, J., Peach tree response to single and combined deficit irrigation regimes in deep soils. (72) (2005) 97

Girona, J., Mata, M. and Marsal, J., Regulated deficit irrigation during the kernel-filling period and optimal irrigation rates in almond, (75) (2005) 152

Goel, A.K. and Kumar, R., Economic analysis of water harvesting in a mountainous watershed in India, (71) (2005) 257

Goñi, M., see López, J.J., (77) (2005) 128

Golan, R., see Bustan, A., (74) (2005) 123

Gonçalves, J.M., see Horst, M.G., (77) (2005) 210

Gong, J., see Huang, Y., (72) (2005) 209

Gottesman, M., see Benyamini, Y., (76) (2005) 181

Grosch, R., see Schwarz, D., (71) (2005) 145 Gross, W., see Schwarz, D., (71) (2005) 145 Guerra, L.C., see Boken, V.K., (73) (2005) 171

Hachum, A., see Oweis, T., (73) (2005) 57 Haggard, B.E., see Smith, D.R., (71) (2005) 19

Hamdy, A., Sardo, V. and Ghanem, K.A.F., Saline water in supplemental irrigation of wheat and barley under rainfed agriculture, (78) (2005) 122

Hamdy, A., see Katerji, N., (72) (2005) 177, 195, (75) (2005) 85

Hamilton, A.J., Boland, A.-M., Stevens, D., Kelly, J., Radcliffe, J., Ziehrl, A., Dillon, P. and Paulin, B., Position of the Australian horticultural industry with respect to the use of reclaimed water, (71) (2005) 181

Hammecker, C., see Antonino, A.C.D., (73) (2005) 131

Hanson, B.R., see Gärdenäs, A.I., (74) (2005) 219

Haque, M.A., see Lee, T.S., (71) (2005) 71

Harmanto, Salokhe, V.M., Babel, M.S. and Tantau, H.J., Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment, (71) (2005) 225

Harrison, K.A., see Boken, V.K., (73) (2005) 171

Hatton, T., see Ellis, T., (75) (2005) 92

Heermann, D., see Luz, P.B., (72) (2005) 33

Hensley, M., see Tsubo, M., (76) (2005) 77

Hensley, M., see Walker, S., (76) (2005) 94

Hernández, A.J., Lacasta, C. and Pastor, J., Effects of different management practices on soil conservation and soil water in a rainfed olive orchard, (77) (2005) 232

Heuperman, A., see Su, N., (78) (2005) 165 Hirst, P., see Johnston, S.G., (73) (2005) 87, (74)

(2005) 23

Hoffmann-Hergarten, S., see Schwarz, D., (71) (2005) 145

Hoogenboom, G., see Boken, V.K., (73) (2005) 171

Hook, J.E., see Boken, V.K., (73) (2005) 171 Hopmans, J.W., see Gärdenäs, A.I., (74) (2005)

219
Horst, M.G., Shamutalov, S.S., Pereira, L.S. and Gonçalves, J.M., Field assessment of the water saving potential with furrow irrigation in

Fergana, Aral Sea basin, (77) (2005) 210 Huang, C., see Smith, D.R., (71) (2005) 19

Huang, Y., Chen, L., Fu, B., Huang, Z. and Gong, J., The wheat yields and water-use efficiency in the Loess Plateau: straw mulch and irrigation effects, (72) (2005) 209

Huang, Z., see Huang, Y., (72) (2005) 209 Huaqi, W., see Xiaoguang, Y., (74) (2005) 107 Hurtalová, T., see Novák, V., (76) (2005) 211

Inanaga, S., see Li, J., (76) (2005) 8 Isidoro, D., see Lecina, S., (73) (2005) 223

Jia, Y., see Wang, X.-L., (78) (2005) 181 Jian, W., see Parkes, M., (73) (2005) 149 Jimenez, C.C., see Diaz, F., (74) (2005) 47

Johnston, S.G., Slavich, P.G. and Hirst, P., Opening floodgates in coastal floodplain drains: effects on tidal forcing and lateral transport of solutes in adjacent groundwater, (74) (2005) 23

Johnston, S.G., Slavich, P.G. and Hirst, P., The impact of controlled tidal exchange on drainage water quality in acid sulphate soil backswamps, (73) (2005) 87

Junfang, Z., see Xiaoguang, Y., (74) (2005) 107

Kadayifci, A., Tuylu, G.İ., Ucar, Y. and Cakmak, B., Crop water use of onion (Allium cepa L.) in Turkey, (72) (2005) 59

Kadouri, F., see Abdel Gawad, G., (78) (2005) 39Kahlown, M.A. and Kemper, W.D., Bonding of soil and of sediment cleaned from channels by

cement into blocks for lining irrigation channels, (74) (2005) 77

Kahlown, M.A. and Kemper, W.D., Reducing water losses from channels using linings: Costs and benefits in Pakistan, (74) (2005) 57 Kahlown, M.A., Ashraf, M. and Zia-ul-Haq, Effect of shallow groundwater table on crop water requirements and crop yields, (76) (2005) 24

Kang, Y., Wang, Q.-G. and Liu, H.-J., Winter wheat canopy interception and its influence factors under sprinkler irrigation, (74) (2005) 189

Kar, G. and Verma, H.N., Climatic water balance, probable rainfall, rice crop water requirements and cold periods in AER 12.0 in India, (72) (2005) 15

Kar, G. and Verma, H.N., Phenology based irrigation scheduling and determination of crop coefficient of winter maize in rice fallow of eastern India, (75) (2005) 169

Kaçıra, M., see Şimşek, M., (73) (2005) 173

Karam, F., Masaad, R., Sfeir, T., Mounzer, O. and Rouphael, Y., Evapotranspiration and seed yield of field grown soybean under deficit irrigation conditions, (75) (2005) 226

Karimi-Goghari, Sh., see Sepaskhah, A.R., (72) (2005) 69

Katerji, N., van Hoorn, J.W., Fares, C., Hamdy, A., Mastrorilli, M. and Oweis, T., Salinity effect on grain quality of two durum wheat varieties differing in salt tolerance, (75) (2005) 85

Katerji, N., van Hoorn, J.W., Hamdy, A., Mastrorilli, M. and Oweis, T., Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. I. Chickpea and faba bean, (72) (2005) 177

Katerji, N., van Hoorn, J.W., Hamdy, A., Mastrorilli, M., Nachit, M.M. and Oweis, T., Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. II. Durum wheat, (72) (2005) 195

Keller, A.A., see Robinson, T.H., (77) (2005) 144 Kelly, J., see Hamilton, A.J., (71) (2005) 181

Kemper, W.D., see Kahlown, M.A., (74) (2005) 57, 77 Kesmez, G.D., see Yurtseven, E., (78) (2005) 128

Khan, N.M., Rastoskuev, V.V., Sato, Y. and Shiozawa, S., Assessment of hydrosaline land degradation by using a simple approach of remote sensing indicators, (77) (2005) 96

Khatib, N., see Darwish, T., (78) (2005) 152

Lacasta, C., see Hernández, A.J., (77) (2005) 232 Lanna, A.E., see Victoria, F.B., (77) (2005) 4

Lecina, S., Playán, E., Isidoro, D., Dechmi, F., Causapé, J. and Faci, J.M., Irrigation evaluation and simulation at the Irrigation District V of Bardenas (Spain), (73) (2005) 223

Lee, T.S., Haque, M.A. and Najim, M.M.M., Scheduling the cropping calendar in wet-seeded rice schemes in Malaysia, (71) (2005) 71

Leffelaar, P.A., see Bessembinder, J.J.E., (73) (2005) 113

Leydecker, A., see Robinson, T.H., (77) (2005) 144 Li, B., see Li, J., (76) (2005) 160

Li, F.-M., see Wang, X.-L., (78) (2005) 181

Li, F.-m., see Wang, X.-L., (78) (2005) 181 Li, F.-m., see Xie, Z.-k., (75) (2005) 71

Li, J., Inanaga, S., Li, Z. and Eneji, A.E., Optimizing irrigation scheduling for winter wheat in the North China Plain, (76) (2005) 8

Li, J., Li, B. and Rao, M., Spatial and temporal distributions of nitrogen and crop yield as affected by nonuniformity of sprinkler fertigation, (76) (2005) 160

Li, J.-L., see Wei, H., (71) (2005) 33

Li, Q.S., Willardson, L.S., Deng, W., Li, X.J. and Liu, C.J., Crop water deficit estimation and irrigation scheduling in western Jilin province, Northeast China, (71) (2005) 47

Li, X., see Xu, Y., (75) (2005) 38

Li, X.J., see Li, Q.S., (71) (2005) 47

Li, Z., see Li, J., (76) (2005) 8

Liang, T.-G., see Wei, H., (71) (2005) 33

Lira, C.A.B.O., see Antonino, A.C.D., (73) (2005) 131

Liu, C.J., see Li, Q.S., (71) (2005) 47

Liu, H.-J., see Kang, Y., (74) (2005) 189

Liu, W., see Xiao, G., (74) (2005) 243 Loi, H.V., see D'haeze, D., (73) (2005) 1

Lovelli, S., Pizza, S., Caponio, T., Rivelli, A.R. and Perniola, M., Lysimetric determination of muskmelon crop coefficients cultivated under plastic mulches, (72) (2005) 147

López, J.J., Gimena, F.N., Goñi, M. and Agirre, U., Analysis of a unit hydrograph model based on watershed geomorphology represented as a cascade of reservoirs, (77) (2005) 128

Luo, J., see Fan, T., (76) (2005) 36

Luo, W., see Wang, W.-Y., (75) (2005) 1

Luquet, D., Vidal, A., Smith, M. and Dauzat, J., 'More crop per drop': how to make it acceptable for farmers?, (76) (2005) 108

Luz, P.B. and Heermann, D., A statistical approach to estimating runoff in center pivot irrigation with crust conditions, (72) (2005) 33

Mahmood, B., Analysis of a LEACHN-based management technique in 'predictive mode', (75) (2005) 25

Malach, Y.D., see Bustan, A., (74) (2005) 123

Malash, N., Ftowers, T.J. and Ragab, R., Effect of irrigation systems and water management practices using saline and non-saline water on tomato production, (78) (2005) 25

Malash, N., see Flowers, T.J., (78) (2005) 3 Malash, N., see Ragab, R., (78) (2005) 67, 89

Mann, L., see Su, N., (78) (2005) 165

Marish, S., see Benyamini, Y., (76) (2005) 181

Marsal, J., see Girona, J., (72) (2005) 97, (75) (2005) 152

Martín de Santa Olalla, F.J., Domínguez, A., Artigao, A., Fabeiro, C. and Ortega, J.F., Integrated water resources management of the Hydrogeological Unit "Eastern Mancha" using Bayesian Belief Networks. (77) (2005) 21

Martínez-Cob, A., see Playán, E., (76) (2005) 139 Masaad, R., see Karam, F., (75) (2005) 226

Mastrorilli, M., see Katerji, N., (72) (2005) 177, 195, (75) (2005) 85

Mata, M., see Girona, J., (72) (2005) 97, (75) (2005)

Mateika, F., see Novák, V., (76) (2005) 211

Mateos, L. and Oyonarte, N.A., A spreadsheet model to evaluate sloping furrow irrigation accounting for infiltration variability, (76) (2005) 62

Melack, J.M., see Robinson, T.H., (77) (2005) 144

Merdun, H., see Gencoglan, C., (72) (2005) 47

Merkley, G.P., Standard horseshoe cross section geometry, (71) (2005) 61

Mermoud, A., Tamini, T.D. and Yacouba, H., Impacts of different irrigation schedules on the water balance components of an onion crop in a semi-arid zone. (77) (2005) 282

Merot, P., see Viaud, V., (74) (2005) 135

Minhas, P.S., see Sharma, B.R., (78) (2005) 136

Minkevich, J., see Smith, R.J., (71) (2005) 117

Mirlas, V., see Benyamini, Y., (76) (2005) 181 Mo, X., see Xu, Y., (75) (2005) 38

Montenegro, S.M.L.G., see Antonino, A.C.D., (73) (2005) 131

Moreau, S., see Chabot, R., (75) (2005) 10

Mounzer, O., see Karam, F., (75) (2005) 226

Mueller, L., Behrendt, A., Schalitz, G. and Schindler, U., Above ground biomass and water use efficiency of crops at shallow water tables in a temperate climate, (75) (2005) 117

Mujumdar, P.P., see Vedula, S., (73) (2005) 193 Musy, A., see Niggli, M., (77) (2005) 110

Nachit, M.M., see Katerji, N., (72) (2005) 195 Nan, Z., see Zhao, C., (75) (2005) 54

Neira, X.X., Álvarez, C.J., Cuesta, T.S. and Cancela, J.J., Evaluation of water-use in traditional irrigation. An application to the Lemos Valley irrigation district, northwest of Spain, (75) (2005) 137

Netto, A.M., see Antonino, A.C.D., (73) (2005) 131
Ngigi, S.N., Savenije, H.H.G., Thome, J.N.,
Rockström, J. and de Vries, F.W.T.P., Agrohydrological evaluation of on-farm rainwater
storage systems for supplemental irrigation in

Laikipia district, Kenya, (73) (2005) 21

Nicolas, E., Torrecillas, A., Ortuño, M.F., Domingo, R. and Alarcón, J.J., Evaluation of transpiration in adult apricot trees from sap flow measurements, (72) (2005) 131

Nicolás, E., see Barradas, V.L., (77) (2005) 323

Niggli, M. and Musy, A., A Bayesian combination method of flood models: Principles and application results. (77) (2005) 110

Nortes, P.A., Pérez-Pastor, A., Egea, G., Conejero, W. and Domingo, R., Comparison of changes in stem diameter and water potential values for detecting water stress in young almond trees, (77) (2005) 296

Novák, V., Hurtalová, T. and Matejka, F., Predicting the effects of soil water content and soil water potential on transpiration of maize, (76) (2005) 211

Nuberg, I., see Ellis, T., (75) (2005) 92

Okwach, G., see Barron, J., (74) (2005) 1 Onder, D., see Onder, S., (73) (2005) 73

Onder, S., Caliskan, M.E., Onder, D. and Caliskan, S., Different irrigation methods and water stress effects on potato yield and yield components, (73) (2005) 73

O'Neill, M.K., see Smeal, D., (76) (2005) 224

Orgaz, F., Fernández, M.D., Bonachela, S., Gallardo, M. and Fereres, E., Evapotranspiration of horticultural crops in an unheated plastic greenhouse, (72) (2005) 81

Ortega, J.F., de Juan, J.A. and Tarjuelo, J.M., Improving water management: The irrigation advisory service of Castilla-La Mancha (Spain), (77) (2005) 37

Ortega, J.F., see Martín de Santa Olalla, F.J., (77) (2005) 21

Ortuño, M.F., see Nicolas, E., (72) (2005) 131

Oweis, T., Hachum, A. and Pala, M., Faba bean productivity under rainfed and supplemental irrigation in northern Syria, (73) (2005) 57

Oweis, T., see Katerji, N., (72) (2005) 177, 195, (75) (2005) 85

Oyonarte, N.A., see Mateos, L., (76) (2005) 62

Pala, M., see Oweis, T., (73) (2005) 57

Parkes, M., Jian, W. and Knowles, R., Peak crop coefficient values for Shaanxi, North-west China. (73) (2005) 149

Pasternak, D., see Bustan, A., (74) (2005) 123 Pastor, J., see Hernández, A.J., (77) (2005) 232

Paulin, B., see Hamilton, A.J., (71) (2005) 181

Paulo, A.A., Ferreira, E., Coelho, C. and Pereira, L.S., Drought class transition analysis through Markov and Loglinear models, an approach to early warning, (77) (2005) 59 Peng, S., see Bouman, B.A.M., (74) (2005) 87

Pereira, L.S., see Fortes, P.S., (77) (2005) 159 Pereira, L.S., see Horst, M.G., (77) (2005) 210

Pereira, L.S., see Paulo, A.A., (77) (2005) 59

Pereira, L.S., see Stulina, G., (77) (2005) 263

Pereira, L.S., see Tarjuelo, J.M., (77) (2005) 1

Pereira, L.S., see Victoria, F.B., (77) (2005) 4

Perniola, M., see Lovelli, S., (72) (2005) 147

Phong, T.A., see D'haeze, D., (73) (2005) 1

Pizza, S., see Lovelli, S., (72) (2005) 147

Platonov, A.E., see Fortes, P.S., (77) (2005) 159

Playán, E., Salvador, R., Faci, J.M., Zapata, N., Martínez-Cob, A. and Sánchez, I., Day and night wind drift and evaporation losses in sprinkler solid-sets and moving laterals, (76) (2005) 139

Playán, E., see Lecina, S., (73) (2005) 223

Ponsioen, T.C., see Bessembinder, J.J.E., (73) (2005) 113

Pérez-Pastor, A., see Nortes, P.A., (77) (2005) 296
Puig-Bargués, J., Arbat, G., Barragán, J. and Ramírez de Cartagena, F., Hydraulic performance of drip irrigation subunits using WWTP effluents. (77) (2005) 249

Radcliffe, J., see Hamilton, A.J., (71) (2005) 181 Raes, D., see D'haeze, D., (73) (2005) 1

Ragab, R., Malash, N., Abdel Gawad, G., Arslan, A. and Ghaibeh, A., A holistic generic integrated approach for irrigation, crop and field management.

 The SALTMED model and its calibration using field data from Egypt and Syria, (78) (2005) 67

Ragab, R., Malash, N., Gawad, G.A., Arslan, A. and Ghaibeh, A., A holistic generic integrated approach for irrigation, crop and field management. 2. The SALTMED model validation unsing field data of five growing seasons from Egypt and Syria. (78) (2005) 89

Ragab, R., Preface, (78) (2005) 1

Ragab, R., see Flowers, T.J., (78) (2005) 3

Ragab, R., see Malash, N., (78) (2005) 25

Raine, S., see Gibbings, P., (78) (2005) 209

Raine, S.R., see Smith, R.J., (71) (2005) 117

Ramos, A.B., see Riquelme, F.J.M., (77) (2005) 82 Ramírez de Cartagena, F., see Puig-Bargués, J., (77)

Rao, M., see Li, J., (76) (2005) 160

(2005) 249

Rao, N.H., see Chowdary, V.M., (75) (2005) 194

Rastoskuev, V.V., see Khan, N.M., (77) (2005) 96

Reina-Sánchez, A., Romero-Aranda, R. and Cuartero, J., Plant water uptake and water use efficiency of greenhouse tomato cultivars irrigated with saline water, (78) (2005) 54

Righes, A.A., see do Amaral, L.G.H., (75) (2005)

Riquelme, F.J.M. and Ramos, A.B., Land and water use management in vine growing by using geographic information systems in Castilla-La Mancha, Spain, (77) (2005) 82

Rivelli, A.R., see Lovelli, S., (72) (2005) 147

Robinson, T.H., Leydecker, A., Keller, A.A. and Melack, J.M., Steps towards modeling nutrient export in coastal Californian streams with a Mediterranean climate, (77) (2005) 144

Rockström, J., see Ngigi, S.N., (73) (2005) 21

Romero-Aranda, R., see Reina-Sánchez, A., (78) (2005) 54

Rufat, J., see Girona, J., (72) (2005) 97

Saadi, Z., see Viaud, V., (74) (2005) 135
Saeed, M.M. and Ashraf, M., Feasible design and operational guidelines for skimming wells in the Indus basin, Pakistan, (74) (2005) 165

Sagi, M., see Bustan, A., (74) (2005) 123

Sakthivadivel, R., see Tyagi, N.K., (77) (2005) 180

Salokhe, V.M., see Harmanto, (71) (2005) 225

Salvador, R., see Playán, E., (76) (2005) 139

Sánchez, I., see Playán, E., (76) (2005) 139

Sarangi, A. and Bhattacharya, A.K., Comparison of Artificial Neural Network and regression models for sediment loss prediction from Banha watershed in India, (78) (2005) 195

Sardo, V., see Hamdy, A., (78) (2005) 122 Sarma, P.B.S., see Chowdary, V.M., (75) (2005) 194

Sato, Y., see Khan, N.M., (77) (2005) 96

Sato, Y., see Tanaka, Y., (77) (2005) 196

Sauboua, E., see Viaud, V., (74) (2005) 135

Savenije, H.H.G., see Ngigi, S.N., (73) (2005) 21

Schalitz, G., see Mueller, L., (75) (2005) 117 Schindler, U., see Mueller, L., (75) (2005) 117

Schwarz, D., Grosch, R., Gross, W. and Hoffmann-Hergarten, S., Water quality assessment of different reservoir types in relation to nutrient solution use in hydroponics, (71) (2005) 145

Sepaskhah, A.R. and Karimi-Goghari, Sh., Shallow groundwater contribution to pistachio water use, (72) (2005) 69

Sezen, S.M., Yazar, A., Canbolat, M., Eker, S. and Çelikel, G., Effect of drip irrigation management on yield and quality of field grown green beans, (71) (2005) 243

Sfeir, T., see Karam, F., (75) (2005) 226

Shamutalov, S.S., see Horst, M.G., (77) (2005) 210

Sharda, V.N. and Das, P.K., Modelling weekly rainfall data for crop planning in a sub-humid climate of India, (76) (2005) 120

Sharma, B.R. and Minhas, P.S., Strategies for managing saline/alkali waters for sustainable agricultural production in South Asia, (78) (2005) 136 Sheta, A.S., see Al-Omran, A.M., (73) (2005) 43 Shi, W.-Q., see Wang, X.-L., (78) (2005) 181

Shiozawa, S., see Khan, N.M., (77) (2005) 96

Sidibé, A., Farm-level adoption of soil and water conservation techniques in northern Burkina Faso. (71) (2005) 211

Şimşek, M., Tonkaz, T., Kaçıra, M., Çömlekçioğlu, N. and Doğan, Z., The effects of different irrigation regimes on cucumber (*Cucumbis sativus L.*) yield and yield characteristics under open field conditions. (73) (2005) 173

Šimůnek, J., see Gärdenäs, A.I., (74) (2005) 219

Slavich, P.G., see Johnston, S.G., (73) (2005) 87, (74) (2005) 23

Smeal, D., O'Neill, M.K. and Arnold, R.N., Forage production of cool season pasture grasses as related to irrigation, (76) (2005) 224

Smith, D.R., Haggard, B.E., Warnemuende, E.A. and Huang, C., Sediment phosphorus dynamics for three tile fed drainage ditches in Northeast Indiana, (71) (2005) 19

Smith, M., see Luquet, D., (76) (2005) 108

Smith, R.J., Raine, S.R. and Minkevich, J., Irrigation application efficiency and deep drainage potential under surface irrigated cotton, (71) (2005) 117

Starr. G.C., Assessing temporal stability and spatial variability of soil water patterns with implications for precision water management, (72) (2005) 223

Stevens, D., see Hamilton, A.J., (71) (2005) 181

Stewart, B.A., see Fan, T., (76) (2005) 36

Stomph, T.J., see van de Giesen, N., (72) (2005) 109Stulina, G., Cameira, M.R. and Pereira, L.S., UsingRZWQM to search improved practices for irrigated maize in Fergana, Uzbekistan, (77) (2005)263

Su, N., Bethune, M., Mann, L. and Heuperman, A., Simulating water and salt movement in tiledrained fields irrigated with saline water under a Serial Biological Concentration management scenario. (78) (2005) 165

Sun, Z., see Xiao, G., (74) (2005) 243

Takagi, K., see Vu, S.H., (76) (2005) 195

Tamini, T.D., see Mermoud, A., (77) (2005) 282 Tanaka, Y. and Sato, Y., Farmers managed irrigation

districts in Japan: Assessing how fairness may contribute to sustainability, (77) (2005) 196

Tantau, H.J., see Harmanto, (71) (2005) 225

Tarjuelo, J.M., de Santa Olalla, F.M. and Pereira, L.S., Preface, (77) (2005) 1

Tarjuelo, J.M., see Ortega, J.F., (77) (2005) 37 Tedeschi, A. see Dell'Aquila, R., (77) (2005) 308 Teixeira, J.L., see Victoria, F.B., (77) (2005) 4 Tejedor, M., see Diaz, F., (74) (2005) 47

Thind, H.S., see Aujla, M.S., (71) (2005) 167

Thomas, D.L., see Boken, V.K., (73) (2005) 171

Thome, J.N., see Ngigi, S.N., (73) (2005) 21

Tonkaz, T., see Şimşek, M., (73) (2005) 173

Torrecillas, A., see Barradas, V.L., (77) (2005) 323

Torrecillas, A., see Nicolas, E., (72) (2005) 131

Tsagarakis, K.P., Recycled water valuation as a corollary of the 2000/60/EC water framework directive, (72) (2005) 1

Tsubo, M., see Walker, S., (76) (2005) 94

Tsubo, M., Walker, S. and Hensley, M., Quantifying risk for water harvesting under semi-arid conditions. Part I. Rainfall intensity generation, (76) (2005) 77

Tuylu, G.İ., see Kadavifci, A., (72) (2005) 59

Tyagi, N.K., Agrawal, A., Sakthivadivel, R. and Ambast, S.K., Water management decisions on small farms under scarce canal water supply: A case study from NW India, (77) (2005) 180

Ucan, K., see Gencoglan, C., (72) (2005) 47 Ucar, Y., see Kadayifci, A., (72) (2005) 59 Ünlükara, A., see Yurtseven, E., (78) (2005) 128

van de Giesen, N., Stomph, T.J. and de Ridder, N., Surface runoff scale effects in West African watersheds: modeling and management options, (72) (2005) 109

van Hoorn, J.W., see Katerji, N., (72) (2005) 177, 195, (75) (2005) 85

Van Ranst, E., see Van Vosselen, A., (74) (2005) 201

Van Vosselen, A., Verplancke, H. and Van Ranst, E., Assessing water consumption of banana: traditional versus modelling approach, (74) (2005) 201

Vedula, S., Mujumdar, P.P. and Chandra Sekhar, G., Conjunctive use modeling for multicrop irrigation, (73) (2005) 193

Verma, H.N., see Kar, G., (72) (2005) 15, (75) (2005) 169

Verplancke, H., see Van Vosselen, A., (74) (2005) 201

Viaud, V., Durand, P., Merot, P., Sauboua, E. and Saadi, Z., Modeling the impact of the spatial structure of a hedge network on the hydrology of a small catchment in a temperate climate, (74) (2005) 135

Victoria, F.B., Filho, J.S.V., Pereira, L.S., Teixeira, J.L. and Lanna, A.E., Multi-scale modeling for water resources planning and management in rural basins, (77) (2005) 4

Vidal, A., see Luquet, D., (76) (2005) 108

Visperas, R.M., see Bouman, B.A.M., (74) (2005)

Vu, S.H., Watanabe, H. and Takagi, K., Application of FAO-56 for evaluating evapotranspiration in simulation of pollutant runoff from paddy rice field in Japan, (76) (2005) 195

Walker, S., see Tsubo, M., (76) (2005) 77

Walker, S., Tsubo, M. and Hensley, M., Quantifying risk for water harvesting under semi-arid conditions. Part II. Crop yield simulation, (76) (2005) 94

Wang, J., see Xiao, G., (74) (2005) 243

Wang, Q.-G., see Kang, Y., (74) (2005) 189

Wang, S., see Fan, T., (76) (2005) 36

Wang, W.-Y., Luo, W. and Wang, Z.-R., Surge flow irrigation with sediment-laden water in northwestern China, (75) (2005) 1

Wang, X.-K., see Feng, Z.-Z., (71) (2005) 131

Wang, X.-L., Li, F.-M., Jia, Y. and Shi, W.-Q., Increasing potato yields with additional water and increased soil temperature, (78) (2005) 181

Wang, Y.-j., see Xie, Z.-k., (75) (2005) 71

Wang, Z.-R., see Wang, W.-Y., (75) (2005) 1

Warnemuende, E.A., see Smith, D.R., (71) (2005)

Watanabe, H., see Vu, S.H., (76) (2005) 195

Wei, H., Li, J.-L. and Liang, T.-G., Study on the estimation of precipitation resources for rainwater harvesting agriculture in semi-arid land of China, (71) (2005) 33

Wiedenfeld, B., see Enciso, J., (76) (2005) 1 Willardson, L.S., see Li, Q.S., (71) (2005) 47

Xiao, 'G., Liu, W., Xu, Q., Sun, Z., and Wang, J., Effects of temperature increase and elevated CO<sub>2</sub> concentration, With Supplemental irrigation, on the yield of rain-fed spring wheat in a semiarid region of China, (74) (2005) 243

Xiaoguang, Y., Bouman, B.A.M., Huaqi, W., Zhimin, W., Junfang, Z. and Bin, C., Performance of temperate aerobic rice under different water regimes in North China, (74) (2005) 107

Xiaoming, T., see Fan, T., (76) (2005) 36

Xiaoying, L. and Erda, L., Performance of the Priestley-Taylor equation in the semiarid climate of North China, (71) (2005) 1

Xie, Z.-k., Wang, Y.-j. and Li, F.-m., Effect of plastic mulching on soil water use and spring wheat yield in arid region of northwest China, (75) (2005) 71

Xu, Q., see Xiao, G., (74) (2005) 243

Xu, Y., Mo, X., Cai, Y. and Li, X., Analysis on groundwater table drawdown by land use and the quest for sustainable water use in the Hebei Plain in China, (75) (2005) 38

Yacouba, H., see Mermoud, A., (77) (2005) 282 Yazar, A., see Sezen, S.M., (71) (2005) 243

Yurtseven, E., Kesmez, G.D. and Ünlükara, A., The effects of water salinity and potassium levels on yield, fruit quality and water consumption of a native central anatolian tomato species (Lycopersicon esculantum), (78) (2005) 128 Zapata, N., see Playán, E., (76) (2005) 139

Zekri, S. and Easter, W., Estimating the potential gains from water markets: a case study from Tunisia, (72) (2005) 161

Zhao, C., Nan, Z. and Cheng, G., Methods for estimating irrigation needs of spring wheat in the middle Heihe basin, China, (75) (2005) 54

Zhimin, W., see Xiaoguang, Y., (74) (2005) 107 Zia-ul-Haq, see Kahlown, M.A., (76) (2005) 24

Ziehrl, A., see Hamilton, A.J., (71) (2005) 181

Zimmer, D., see Chabot, R., (75) (2005) 10

Zimmermann, P., see Bustan, A., (74) (2005) 123

